



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 Mary A. Gade, Director

217/782-0610

August 24, 1998

Consolidation Coal
12755 Olive Boulevard
St. Louis, Missouri 63141

Re: Consolidation Coal - BS4 9
NPDES Permit No. IL0052795
Reminder of Expiration Date

Gentlemen:

Our records indicate that the subject NPDES permit expires on May 1, 1999. That permit requires that you submit a proper application for the re-issuance of the permit not later than 180 days prior to the expiration date.

For your convenience, we have enclosed application forms, which we believe to be appropriate for your situation, with instructions and other pertinent material. If you desire a set of forms other than those enclosed, or if you have other questions, please call me at the indicated telephone number.

Sincerely,

A handwritten signature in cursive script that reads "Marilyn Davenport".

Marilyn Davenport
Office Administrator
Permit Section
Division of Water Pollution Control

MED:98082102.grm

Enclosures

cc Records
Marion Region

When modified
or resubmitted again
only change
dates in DTD book.
Do not add
other Outfalls
3-1-89

NEED NEW OUTFALLS

001A; 008; 017; ~~0021~~;
023A; 025B; 034; 035A;
035B; 035C; 036; 037;
040; 043; 044; 045

NOT ADDED PER 3-1-89 NOTE

DELETED

005 NCD 145 15
025 NCD 145 42
041 NCD 145 44

1-27-95



*returned
8/31/98 undeliverable*

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276

Mary A. Gade, Director

217/782-0610

August 24, 1998

Consolidation Coal
12755 Olive Boulevard
St. Louis, Missouri 63141

Re: Consolidation Coal - BS4 9
NPDES Permit No. IL0052795
Reminder of Expiration Date

RECEIVED

AUG 31 1998

ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY
BOW/WPC/PERMIT SECTION

Gentlemen:

Our records indicate that the subject NPDES permit expires on May 1, 1999. That permit requires that you submit a proper application for the re-issuance of the permit not later than 180 days prior to the expiration date.

For your convenience, we have enclosed application forms, which we believe to be appropriate for your situation, with instructions and other pertinent material. If you desire a set of forms other than those enclosed, or if you have other questions, please call me at the indicated telephone number.

Sincerely,

A handwritten signature in cursive script that reads "Marilyn Davenport".

Marilyn Davenport
Office Administrator
Permit Section
Division of Water Pollution Control

MED:98082102.grm

Enclosures

cc Records
Marion Region



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276

Mary A. Gade, Director

217/782-0610

November 9, 1998

Consolidation Coal
12755 Olive Boulevard
St. Louis, Missouri 63141

Re: Consolidation Coal - BS4 9
NPDES Permit No. IL0052795
Second Reminder of Expiration Date

Gentlemen:

Our records indicate that we have not received a response to our previous request that you submit an application for the renewal of the subject permit.

The subject permit expires on May 1, 1999; a proper application for re-issuance of your permit must be submitted.

We are again requesting that you submit the appropriate application for the renewal of your permit. If circumstances are such that you feel the permit should be terminated, please send written notice to this effect to the DWPC, Permit Section, at the address shown above.

If you have any questions, please call 217/782-0610.

Sincerely,

Marilyn Davenport

Marilyn Davenport *Batt*
Office Administrator
Permit Section
Division of Water Pollution Control

MED:98110601.grm

cc: Records
Marion Region



*Returned
11/16/98*

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276

Mary A. Gade, Director

217/782-0610

November 9, 1998

Consolidation Coal
12755 Olive Boulevard
St. Louis, Missouri 63141

Re: Consolidation Coal - BS4 9
NPDES Permit No. IL0052795
Second Reminder of Expiration Date

Gentlemen:

Our records indicate that we have not received a response to our previous request that you submit an application for the renewal of the subject permit.

The subject permit expires on May 1, 1999; a proper application for re-issuance of your permit must be submitted.

We are again requesting that you submit the appropriate application for the renewal of your permit. If circumstances are such that you feel the permit should be terminated, please send written notice to this effect to the DWPC, Permit Section, at the address shown above.

If you have any questions, please call 217/782-0610.

Sincerely,

Marilyn Davenport

Marilyn Davenport *BAH*
Office Administrator
Permit Section
Division of Water Pollution Control

MED:98110601.grm

cc: Records
Marion Region

Region 6-22-8 REN
OKS



Consolidation Coal Company
Illinois/West Kentucky Operations
State Route 148 North
Post Office Box 566
Sesser, IL 62884
(618) 625-2041
Fax: (618) 625-6844

April 27, 1999

Marilyn Davenport
Illinois Environmental Protection Agency
Office Administrator
Permit Section
Division Of Water Pollution Control
1021 North Grand Ave.
P.O. Box 19276
Springfield, Illinois 62794-9276

RECEIVED

MAY 04 1999

Environmental Protection Agency
WPC-- Permit Log In

Re: Consolidation Coal BS4-9
NPDES (IL0052795)
Permit Renewal

Dear Ms. Davenport:

Per our records, attached please find forms 1 and 2C. We have not been able to collect a composite sample. This field is in the final stages of reclamation. We should be able to get composite samples during May. Tables V-A, V-B, and V-C will be forwarded to your office once a sample is collected.

Please send all future correspondence concerning NPDES to the address above. We have not had an office in St. Louis for three years.

If you have any questions, comments, or need additional information, contact me at (618) 625-6850.

Sincerely,

A handwritten signature in cursive script, appearing to read "John Gefferth", written over a horizontal line.

John Gefferth
Environmental Engineer

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting.)		I. EPA NUMBER F I L 0 0 5 2 7 9 5	
LABEL ITEMS		RECEIVED MAY 04 1999 Environmental Protection Agency WPC-Permitting		GENERAL INSTRUCTIONS	
EPA I.D. NUMBER				If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	
FACILITY NAME					
FACILITY MAILING ADDRESS					
FACILITY LOCATION					

POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.?		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.?		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above?	X		2C	D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.?		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes?		X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water?		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons?		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy?		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area?		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area?		X	

I. NAME OF FACILITY

SKIP BURNING STAR NO. 4 MINE (B.S.4-9.)

V. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)		B. PHONE (area code & no.)	
GEFFERTH, JOHN A.		6 1 8 6 2 5 6 8 5 0	

FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX		B. CITY OR TOWN		C. STATE	D. ZIP CODE
P. O. BOX 566		SESSER		IL	6 2 8 8 4

FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER		B. COUNTY NAME		C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE (if known)
RR 1 BOX 39		PERRY		CUTLER	IL	6 2 2 3 8	

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST				B. SECOND			
7	1	2	1	(specify)	7		(specify)
Bituminous Coal Mining				N/A			
C. THIRD				D. FOURTH			
7			(specify)	7			(specify)
N/A				N/A			

VIII. OPERATOR INFORMATION

A. NAME		B. Is the name listed in Item VIII-A also the owner?	
CONSOLIDATION COAL COMPANY		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)		D. PHONE (area code & no.)	
F = FEDERAL S = STATE P = PRIVATE	M = PUBLIC (other than federal or state) O = OTHER (specify)	6 1 8 6 2 5 2 0 4 1	
E. STREET OR P.O. BOX			
P. O. BOX 566			
F. CITY OR TOWN		G. STATE	H. ZIP CODE
SESSER		IL	6 2 8 8 4
IX. INDIAN LAND		Is the facility located on Indian lands?	
		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)				D. PSD (Air Emissions from Proposed Sources)			
9	N	I	L 0 0 5 2 7 9 5	9	P	N	/ A
B. UIC (Underground Injection of Fluids)				E. OTHER (specify)			
9	U	N	/ A	9		D	N R 7 4 , 1 5 2 , 7 3
C. RCRA (Hazardous Wastes)				E. OTHER (specify)			
9	R	N	/ A	9		D	N R 1 2 0 , 2 6 2

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Surface coal mine in final stage of reclamation

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Ronnie Marcum, Vice President Western/Non-Mining Operations		5/3/99

COMMENTS FOR OFFICIAL USE ONLY

COMMENTS FOR OFFICIAL USE ONLY

Please print or type in the unshaded areas only.

**FORM
26
NPDES**



U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS
Consolidated Permits Program

1. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
	ALL OUTFALL LOCATIONS AND RECEIVING STREAMS ARE LISTED ON ATTACHMENT A.						

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

[illegible]

OFFICIAL USE ONLY (effluent guidelines sub-categories)

CONTINUED FROM THE FRONT

C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☐ YES (complete the following table)

☐ NO (go to Section III)

1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW					5. DUR- ATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)			
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY		
001A 001 002 006S 008 017 023 023A 025B 040 046	Runoff	Variable		Variable		Variable			

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☐ YES (complete Item III-B)

☐ NO (go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)?

☐ YES (complete Item III-C)

☐ NO (go to Section IV)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	
	N/A		

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operation of waste-water treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES (complete the following table)

☐ NO (go to Item IV-B)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO.	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
		N/A			

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. ☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

CONTINUED FROM PAGE 2

IL 0052795

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding — Complete one set of tables for each outfall — Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
	We do not believe any of the pollutants listed in Table 2c-3 exist in the discharge from any of the outfalls.		

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ YES (list all such pollutants below)☐ NO (go to Item VI-B)

N/A

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES (identify the test(s) and describe their purposes below)

☐ NO (go to Section VIII)

N/A

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☐ YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

☐ NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
Standard Laboratories	P.O. Box 39 Freeburg, IL 62243	(618)539-5836	1M-15M

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

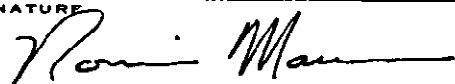
A. NAME & OFFICIAL TITLE (type or print)

Ronnie Marcum Vice President
Western/Non-Mining Operations

B. PHONE NO. (area code & no.)

(618)625-2041

C. SIGNATURE



D. DATE SIGNED

5/3/99

Burning Star #4 Mine
North Field & Support Facilities
NPDES Permit IL 0052795 (BS4-9)
Outfall Location
Form 2C - Attachment A

<u>Outfall Number</u>	<u>*Location</u>		<u>Receiving Water</u>
	<u>Northing</u>	<u>Easting</u>	
001A	500,650	679,400	Pond 001
001	504,200	681,250	Unnamed tributary of Galum Creek
002	504,600	678,000	Galum Creek
006S	501,000	680,000	Galum Creek
008	498,500	690,000	Galum Creek
017	507,250	676,100	Unnamed tributary of Galum Creek
023	517,400	679,600	Galum Creek
023A	517,400	681,600	Galum Creek
025B	503,700	683,000	Galum Creek
040	501,300	683,300	Galum Creek
046	507,000	689,500	Galum Creek

*All Outfalls are in Perry County. Locating coordinates are based on the Illinois State Plane coordinate system. This grid system is followed on the attaced maps.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY


2309 W. Main St., Suite 116, Marion, IL 62959

Thomas V. Skinner, Director

MEMORANDUM

DATE: June 22, 1999

TO: Larry Ziemba, DWPC/FOS, Marion Region

FROM: Larry D. Crislip, Manager, Permit Section, MPCP 

SUBJECT: Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
NPDES Permit No. IL0052795
Draft Permit, Public Notice/Fact Sheet

Please review the attached copy of the subject documents, and notify the Mine Pollution Control Program if you take exception to the limitations, sampling frequency, sample type or other requirements therein.

If no response is received within fifteen (15) days from the date of this memorandum, we will assume that you concur in the issuance of the Public Notice.

If you have any questions, please contact me at 618/993-7200.

Thank you for your cooperation.

LDC/0093c99/6-10-99

Enclosures: Draft Permit, Public Notice/Fact Sheet

cc: Marion Region/Mine Pollution Control Program
BOW/DWPC/Records



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2309 W. Main St., Suite 116, Marion, IL 62959

Thomas V. Skinner, Director

June 22, 1999

618/993-7200

Department of the Army
St. Louis District
Corps of Engineers
1222 Spruce Street
St. Louis, Missouri 63103

Re: Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
NPDES Permit No. IL0052795
Request for Corps of Engineers Comment

Gentlemen:

Attached please find a copy of the Public Notice/Fact Sheet for the subject discharge. Please review for determination of the impact of this discharge on navigation and anchorage. If no written reply is received at the address indicated below within fifteen (15) days of the date of this request, the Agency will assume the Corps of Engineers has no objection to the proposed discharge.

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276

Attn: NPDES PN Clerk

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in black ink, appearing to read "Larry D. Crislip".

Larry D. Crislip, P.E.
Manager, Permit Section
Mine Pollution Control Program
Bureau of Water

LDC/0093c99/6-10-99

Enclosure: Public Notice/Fact Sheet

cc: Marion Region/Mine Pollution Control Program
BOW/DWPC/Records



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2309 W. Main St., Suite 116, Marion, IL 62959

Thomas V. Skinner, Director

June 22, 1999

618/993-7200

Consolidation Coal Company
State Route 148 North
P.O. Box 566
Sesser, IL 62884

Re: Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
NPDES Permit No. IL0052795
Draft Permit

Gentlemen:

Attached to this letter is a copy of the draft Permit, Public Notice/Fact Sheet for your discharge. The Agency proposes to issue the NPDES Permit for your discharge as shown in the draft Permit.

Please read the draft Permit carefully as the Permit as written could have a significant impact on your operations.

Fifteen days from the date of this letter, the Agency proposes to distribute the attached Public Notice/Fact Sheet statewide. If you have objections to the content of the Public Notice/Fact Sheet, a written statement must be received by the Agency at the following address within 10 days.

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276

Attn: NPDES PN Clerk

The Agency will receive comments regarding the Permit for a period of 30 days after the Public Notice is issued. If you wish to comment or object to any of the terms and conditions of the Permit, you must state the objections in writing within 45 days of the date of this letter.

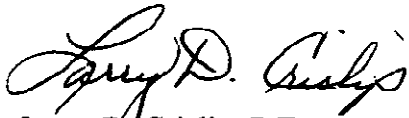
Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
NPDES Permit No. IL0052795
Draft Permit
Page 2

The Agency may or may not change the Permit based on comments received from you or the public. The Agency may hold a public hearing concerning your discharge if it is determined that there exists a significant degree of public interest.

If you should have questions or comments regarding the contents of this letter and enclosures, please contact the undersigned at 618/993-7200.

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in cursive script, appearing to read "Larry D. Crislip".

Larry D. Crislip, P.E.
Manager, Permit Section
Mine Pollution Control Program
Bureau of Water

LDC/0093c/6-10-99

Enclosures: Draft Permit/Public Notice/Fact Sheet

cc: Marion Region/Mine Pollution Control Program
BOW/DWPC/CAS
BOW/DWPC/Records

DRAFT

NPDES Permit No. IL0052795
Notice No. 0095c99
Date:

National Pollutant Discharge Elimination System (NPDES)
Permit Program

PUBLIC NOTICE/FACT SHEET
of
Proposed Renewed NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois EPA
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Consolidation Coal Company
State Route 148 North
Sesser, IL 62884

Name and Address of Facility:

Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
R.R. No. 1, Box 39
Cutler, Illinois 62238
2.5 miles northeast of Cutler, Illinois
(Perry County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue an NPDES permit to discharge into the waters of the state and has prepared a draft permit for the above named discharger.

Length of Permit:

Approximately 5 Years

Name of Receiving Waters:

Galum Creek for Outfalls 002, 006(S), 008,
025B and 040
Unnamed tributary of Galum Creek for
Outfalls 001 and 017
Unnamed tributary of Galum Creek via Pond 001
for Outfall 001A
Southern portion of Old Bonnie Creek Diversion
for Outfall 046

Classification of Receiving Waters:

General Use

This permit is being renewed and modified to delete Outfalls 023 and 023A.

The following water quality and effluent standards and limitations were applied to the discharge:

Except as otherwise noted the effluent concentrations and load limitations (including toxics) were based on effluent and, if applicable, water quality limitations specified in Illinois Pollution Control Board (IPCB), Rules and Regulations, Chapter 1, Subtitle C: Water Pollution and/or Subtitle D Mine Related Water Pollution, 40 CFR 434, and/or proposed effluent guidelines using the authority provided in Section 402(a)(1) of the Clean Water Act.

The applicant operates an existing surface coal mine (SIC 1221) located 2.5 miles northeast of Cutler, Illinois, Perry County in Sections 21, 22, 23, 26, 27, 28, 33, 34, 35 and 36, Township 5 South, Range 4 West, and Sections 1, 2, 3 and 4, Township 6 South, Range 4 West.

Mine operations result in the discharge of alkaline mine drainage, surface runoff from reclamation areas, stormwater discharges and sanitary wastewater.

Flow will be monitored. The primary parameters to be limited and monitored are total suspended solids, iron, pH, acidity, alkalinity, sulfates, chlorides, CBOD₅ and settleable solids.

Monitoring frequencies and reporting requirements were established by using the authority set forth in IPCB, Chapter 1, Subtitle C: Water Pollution and/or Subtitle D: Mine Related Water Pollution, Title 40, Section 122.44(l) and 122.48 of the federal regulations, and/or using the authority provided in Section 402(a)(1) of the Clean Water Act.

Pursuant to the waiver provisions authorized by 40 CFR 123.24, this proposed permit is within the class, type, and size for which the Regional Administrator, Region V, has waived his right to review, object, or comment on this proposed permit action.

Public Notice/Fact Sheet -- Page 2 -- NPDES Permit No. IL0052795

The effluent limitations and special conditions, if applicable, are appended as a part of the draft permit.

Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. The NPDES permit and notice number(s) must appear on each comment page. Any interested person may submit a written request for a public hearing on the draft permit, stating his or her name and address, the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues.

The application, engineer's review notes including load limits calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday.

All comments on the draft permit and requests for hearing must be received by the IEPA not later than 30 days from the date of this publication. If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 30 days before any public hearing. For further information call the Public Notice Clerk at 217/782-0610.

DRAFT

NPDES Permit No. IL0052795

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue, East

P.O. Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Renewed NPDES Permit

Expiration Date: June 30, 2004

Issue Date:
Effective Date:

Name and Address of Permittee:

Consolidation Coal Company
State Route 148 North
P.O. Box 566
Sesser, IL 62884

Facility Name and Address:

Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
R.R. No. 1, Box 39
Cutler, Illinois 62238
2.5 miles northeast of Cutler, Illinois
(Perry County)

Discharge Number and Name:

001	Alkaline Mine Drainage
002, 008, 025B, 040	Alkaline Mine Drainage
046	Alkaline Mine Drainage
017	Reclamation Area Drainage
001A	Sanitary Wastewater
006(S)	Stormwater Discharge

Receiving waters

Unnamed tributaries of Galum Creek
Galum Creek
Southern portion of Old Bonnie Creek Diversion
Unnamed tributary of Galum Creek
Unnamed tributary of Galum Creek via Pond 001
Galum Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Subtitle C and/or Subtitle D Rules and Regulations of the Illinois Pollution Control Board, and the Clean Water Act, the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Ronald E. Morse, Manager
Mine Pollution Control Program
Bureau of Water

REM:LDC/0095c99/6-11-99

NPDES Coal Mine Permit
NPDES Permit No. IL0052795
Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	lbs/day		LIMITS mg/l			
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		

From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:

Outfall: 001A (Sanitary Wastewater)

Flow (MGD)					Measure When Monitoring	
CBOD ₅	1.20	2.40	25	50	1/month	Composite
Total Suspended Solids	1.44	2.88	30	60	1/month	Composite
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab

NPDES Coal Mine Permit

NPDES Permit No. IL0052795

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	lbs/day		LIMITS mg/l			
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		

From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:

Outfall: 001, 002, 008, 025B, 040 (Alkaline Mine Drainage)

Flow (MGD)					Measure When Monitoring	
Total Suspended Solids			35.0	70.0	***	Grab
Iron (total)			3.0	6.0	***	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab
Alkalinity/ Acidity	Total acidity shall not exceed total alkalinity				1/month	Grab

***There shall be a minimum of nine (9) samples collected during the quarter when the pond is discharging. Of these 9 samples, a minimum of one sample each month shall be taken during base flow conditions. A "no flow" situation is not considered to be a sample of the discharge. A grab sample of each discharge caused by the following precipitation event(s) shall be taken for the following parameters during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s). The remaining three (3) samples may be taken from either base flow or during precipitation event.

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period less than or equal to the 10-year, 24-hour precipitation event (or snowmelt or equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
Settleable Solids	0.5 ml/l daily maximum
pH	6.0 - 9.0 at all times

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt or equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit

NPDES Permit No. IL0052795

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		

From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:

Outfall(s): 046 (Alkaline Mine Drainage)

Flow (MGD)					Measure When Monitoring	
Total Suspended Solids			35.0	70.0	***	Grab
Iron (total)			3.0	6.0	***	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab
Alkalinity/ Acidity	Total acidity shall not exceed total alkalinity				1/month	Grab
Sulfates				3500	**	Grab
Chlorides				1000	1/year	Grab

**Sample frequency shall be once a month until twelve samples have been collected; after which and upon written notification to the Agency, the sampling may cease, unless the Agency modifies the permit to require continued sampling at some frequency.

***There shall be a minimum of nine (9) samples collected during the quarter when the pond is discharging. Of these 9 samples, a minimum of one sample each month shall be taken during base flow conditions. A "no flow" situation is not considered to be a sample of the discharge. A grab sample of each discharge caused by the following precipitation event(s) shall be taken for the following parameters during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s). The remaining three (3) samples may be taken from either base flow or during precipitation event.

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period less than or equal to the 10-year, 24-hour precipitation event (or snowmelt or equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
Settleable Solids	0.5 ml/l daily maximum
pH	6.0 - 9.0 at all times

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt or equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit

NPDES Permit No. IL0052795

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	lbs/day		LIMITS mg/l			
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		

From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:

Outfall: 017 (Reclamation Area Drainage)

Flow (MGD)					Measure When Monitoring	
Settleable Solids			0.5 m/l		1/month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab

In addition to the above base flow sampling requirements, a grab sample of each discharge caused by the following precipitation event(s) shall be taken (for the following parameters) during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s).

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit
NPDES Permit No. IL0052795
Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	lbs/day		LIMITS mg/l			
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		

Upon completion of Special Condition 8 and approval from the Agency, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall(s): 001, 002, 008, 025B, 040 (Reclamation Area Drainage)

Flow (MGD)					Measure When Monitoring	
Settleable Solids			0.5 ml/l		1/month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab

In addition to the above base flow sampling requirements, a grab sample of each discharge caused by the following precipitation event(s) shall be taken (for the following parameters) during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s).

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit

NPDES Permit No. IL0052795

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	lbs/day		LIMITS mg/l			
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		

Upon completion of Special Condition 8 and approval from the Agency, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 046 (Reclamation Area Drainage)

Flow (MGD)					Measure When Monitoring	
Settleable Solids			0.5 ml/l		1/month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab
Sulfates			3500		**	Grab
Chlorides			1000		1/year	Grab

** Unless previously approved by the Agency to be reduced or ceased, sample frequency shall be once a month until twelve samples have been collected; after which and upon written notification to the Agency, the sampling may cease, unless the Agency modifies the permit to require continued sampling at some frequency.

In addition to the above base flow sampling requirements, a grab sample of each discharge caused by the following precipitation event(s) shall be taken (for the following parameters) during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s).

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit
NPDES Permit No. IL0052795
Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	lbs/day		LIMITS mg/l			
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:						
Outfall: 006(S) (Stormwater Discharge)						
Settleable Solids				0.5 ml/l	1/Year	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/Year	Grab

Stormwater discharge monitoring is subject to the following reporting requirements:

Analysis of samples shall be submitted with second quarter Discharge Monitoring Reports.

If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

Annual stormwater monitoring is required for all discharges until final SMCRA bond is released and approval to cease such monitoring is obtained from the Agency.

NPDES Coal Mine Permit

NPDES Permit No. IL0052795

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS		CONCENTRATION		SAMPLE FREQUENCY	SAMPLE TYPE
	lbs/day		LIMITS mg/l			
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Upon completion of Special Condition 9 and approval from the Agency, the effluent of the following discharges shall be monitored and limited at all times as follows:						
Outfall(s): 001, 002, 008, 017, 025B, 040, 046 (Stormwater Discharge)						
Settleable Solids			0.5 ml/l	1/Year	Grab	
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/Year	Grab

Stormwater discharge monitoring is subject to the following reporting requirements:

Analysis of samples shall be submitted with second quarter Discharge Monitoring Reports.

If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

Annual stormwater monitoring is required for all discharges until final SMCRA bond is released and approval to cease such monitoring is obtained from the Agency.

NPDES Permit No. IL0052795

Construction Authorization No. 9236-99

C.A. Date: June 11, 1999

Authorization is hereby granted to the above designee to construct the mine and mine refuse area described as follows:

A surface mine and mine related facilities consisting of 7,156 acres located in Sections 21, 22, 23, 26, 27, 28, 33, 34, 35 and 36, Township 5 South, Range 4 West, and Sections 1, 2, 3 and 4, Township 6 South, Range 4 West, 3rd P.M., Perry County, Illinois. The mine described herein consists of two (2) mining fields described as follows:

South Field

A reclaimed surface coal mining area, designated as the South Field and delineated in IEPA Log No. 7075-91-C, and consisting of approximately 2,070 acres. This area was transferred from NPDES Permit No. IL0026492 in accordance with IEPA Log No. 1086-97. NPDES Permit No. IL0026492 was terminated March 26, 1999.

Surface drainage for this area is controlled by one (1) sedimentation pond with discharge designated as Outfall 006(S) which is classified as a stormwater discharge and reports to Galum Creek. This area also includes a discharge designated as Outfall 001; however, liability for water quality from this outfall has been transferred to Apogee Coal Company, Captain Mine under NPDES Permit No. IL0033723 as described in IEPA Log Nos. 7082-81 and 6092-82.

North Field

This mining area, designated as the North Field, consists of approximately 5,086 acres.

Surface drainage for the North Field is controlled by seven (7) sedimentation ponds with discharges designated as Outfalls 001, 002, 008, 017, 025B, 040 and 046. Outfalls 001 and 017 report to unnamed tributaries of Galum Creek while Outfalls 002, 008 and 040 report directly to Galum Creek. The discharge designated as Outfall 046 reports to the southern portion of the Old Bonnie Creek Diversion. Outfall 001A is the designated discharge from the sewage treatment system which reports to Galum Creek via Pond 001. The currently approved drainage control plan for the North Field is identified as Phase V and is described in IEPA Log Nos. 2258-96 and 2258-96-A.

Discharges designated as Outfalls 023 and 023A have been deleted from this permit in accordance with information regarding the reclamation of the basins contained in IEPA Log No. 9277-99.

The Bonnie Creek Diversion flow has been temporarily redirected into the Final Cut (Outfall 046) as proposed in IEPA Log No. 1380-97 to facilitate reclamation of the temporary diversion and completion of the permanent restoration.

Approval is hereby granted to direct the Galum Creek flow into the permanent restoration as described in IEPA Log No. 0565-98 subject to Condition No. 11.

Coarse refuse is approved for disposal in abandoned Incline No. 1, No. 2 and No. 3. Fine refuse (slurry) disposal is approved for abandoned inclines and a final cut located in Sections 2, 3 and 4, Township 6 South, Range 4 West. All refuse disposal shall be in accordance with Title 35 Ill. Adm. Code 405.106 and 405.109.

The abandonment plans as described in IEPA Log Nos. 6123-82, 6130-82, 5070-83, 3001-85, 3062-85, 3062-85-A, 3062-85-B, 2069-86, 2087-86 and 2067-96 shall be executed and completed in accordance with Title 35 Ill. Adm. Code 405.109. All water remaining upon abandonment must meet the requirements of Title 35 Ill. Adm. Code 406.106 and 406.202.

This Authorization renews and replaces Construction Authorization No. 5002-93 and Supplemental Construction Authorization Nos. 5002-93-1, 5002-93-2 and 5002-93-3 (Modified) which were previously issued for the herein permitted activities.

Pursuant to Title 35 Ill. Adm. Code 406.203 the water quality standards of Title 35 Ill. Adm. Code 406.202 as they apply to sulfates, chlorides, total dissolved solids, iron and manganese shall not apply to discharges covered under this permit.

This Authorization is issued subject to the following Conditions. If such Conditions require additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.

1. If any statement or representation is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
2. The issuance of this permit (a) shall not be considered as in any manner affecting the title of the premises upon which the mine or mine refuse area is to be located; (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (c) does not take into consideration the structural stability of any units or parts of the project; and (d) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.

NPDES Permit No. IL0052795

Construction Authorization No. 9236-99

C.A. Date: June 11, 1999

3. Final plans, specifications, application and supporting documents as submitted by the person indicated on Page 1 as approved shall constitute part of this permit and are identified by Log #6130-82, 6123-82, 3001-85, 3065-85, 3134-85, 3137-85, 3142-85, 2069-86, 2087-86 and 2067-96 in the records of the Illinois Environmental Protection Agency.
4. There shall be no deviations from the approved plans and specifications unless revised plans, specifications and application shall first have been submitted to the Illinois Environmental Protection Agency and a supplemental permit issued.
5. The permit holder shall notify the Environmental Protection Agency (217/782-3637) immediately of an emergency at the mine or mine refuse area which causes or threatens to cause a sudden discharge of contaminants into the waters of Illinois and shall immediately undertake necessary corrective measures as required by Title 35 Ill. Adm. Code 405.111. (217/782-3637 for calls between the hours of 5:00 p.m. to 8:30 a.m. and on weekends.)
6. The termination of an NPDES discharge monitoring point or cessation of monitoring of an NPDES discharge is not authorized by this Agency until the permittee submits adequate justification to show what alternate treatment is provided or that untreated drainage will meet applicable effluent and water quality standards.
7. Initial construction activities in areas to be disturbed shall be for collection and treatment facilities only. Prior to the start of other activities, surface drainage controls shall be constructed and operated to avoid violations of the Act or Subtitle D. At such time as runoff water is collected in the sedimentation pond, a sample shall be collected and analyzed, with the results sent to this Agency to show compliance with the applicable effluent and water quality standards. Should additional treatment be necessary to meet these standards, a Supplemental Permit must be obtained. Discharge from this pond is not allowed unless applicable effluent and water quality standards are met.
8. This Agency must be informed in writing and an application submitted if drainage, which was previously classified as alkaline (pH greater than 6.0), becomes acid (pH less than 6.0) or ferruginous (base flow with an iron concentration greater than 10 mg/l). The type of drainage reporting to the basin should be reclassified in a manner consistent with the applicable rule of Title 35 Ill. Adm. Code 406 as amended in R84-29 at 11 Ill. Reg. 12899. The application should discuss the treatment method and demonstrate how the discharge will meet the applicable standards.
9. A permittee has the obligation to add a settling aid if necessary to meet the suspended solids or settleable solids effluent standards. The selection of a settling aid and the application practice shall be in accordance with a. or b. below.
 - a. Alum ($Al_2(SO_4)_3$), hydrated lime ($Ca(OH)_2$), soda ash (Na_2CO_3), alkaline pit pumpage, acetylene production by-product (tested for impurities), and ground limestone are acceptable settling aids and are hereby permitted for alkaline mine drainage sedimentation ponds.
 - b. Any other settling aids such as commercial flocculents and coagulants are permitted only on prior approval from the Agency. To obtain approval a permittee must demonstrate in writing to the Agency that such use will not cause a violation of the toxic substances standard of Title 35 Ill. Adm. Code 302.210 or of the appropriate effluent and water quality standards of Title 35 Ill. Adm. Code parts 302, 304, and 406.
10. Any of the following shall be a violation of the provisions required under Title 35 Ill. Adm. Code 406.203(c):
 - A. It is demonstrated that an adverse effect on the environment in and around the receiving stream has occurred or is likely to occur.
 - B. It is demonstrated that the discharge has adversely affected or is likely to adversely affect any public water supply.
 - C. The Agency determines the permittee is not utilizing good mining practices which are applicable in order to minimize the discharge of total dissolved solids, chloride, sulfate, iron and manganese. The following concentrations are presumed achievable according to information in the application, and demonstrate the utilization of good mining practices. The Agency may require additional information to determine compliance with Title 35 Ill. Adm. Code 406.204 when they are exceeded.

<u>Outfall</u>	<u>Chloride in mg/l</u>	<u>Sulfate in mg/l</u>	<u>Other</u>
046	500	1000	
11. All previously disturbed reclaimed areas, tributary to the Galum Creek Permanent Restoration, that discharge offsite without going through a sedimentation pond shall be incorporated into the stormwater monitoring plan for this facility.

NPDES Permit No. IL0052795

Special Conditions

Special Condition No. 1: No effluent from any mine related facility area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in the Illinois Pollution Control Board Rules and Regulations, Chapter 1, Subtitle C: Water Pollution, unless specifically exempted under Rule 406.203 of Chapter 1, Subtitle D, Mine Related Water Pollution.

Special Condition No. 2: Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

Special Condition No. 3: The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Ave., East
P.O. Box 19276
Springfield, IL 62794-9276

Attn: Compliance Assurance

Special Condition No. 4: The completed Discharge Monitoring Report form shall be retained by the permittee for a period of three months and shall be mailed and received by the IEPA in accordance with the following schedule, unless otherwise specified by the permitting authority.

Period	Received by IEPA
January, February, March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

Special Condition No. 5: If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

Special Condition No. 6: The permittee shall notify the Agency in writing by certified mail within thirty days of abandonment, cessation, or suspension of active mining for thirty days or more unless caused by a labor dispute. During cessation or suspension of active mining, whether caused by a labor dispute or not, the permittee shall provide whatever interim impoundment, drainage diversion, and wastewater treatment is necessary to avoid violations of the Act or Subtitle D, Chapter 1.

Special Condition No. 7: Plans must be submitted to and approved by this Agency prior to construction of a sedimentation pond. At such time as runoff water is collected in the sedimentation pond, a sample shall be collected and analyzed for the parameters designated as 1M-15M under Part 5-C of Form 2C and the effluent parameters designated herein, with the results sent to this Agency to show compliance with the applicable effluent and water quality standards. Should additional treatment be necessary to meet these standards, a Supplemental Permit must also be obtained. Discharge from a pond is not allowed unless applicable effluent and water quality standards are met.

Special Condition No. 8: The special reclamation area effluent standards of 35 Ill. Adm. Code 406.109 apply only on approval from the Agency. To obtain approval, a request form and supporting documentation shall be submitted 45 days prior to the month that the permittee wishes the discharge be classified as a reclamation area discharge. The Agency will notify the permittee upon approval of the change.

Special Condition No. 9: The special stormwater effluent standards apply only on approval from the Agency. To obtain approval, a request with supporting documentation shall be submitted 45 days prior to the month that the permittee proposes the discharge to be classified as a stormwater discharge. The documentation supporting the request shall include analysis results indicating the discharge will consistently comply with reclamation area discharge effluent standards. The Agency will notify the permittee upon approval of the change.

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NPDES Permit No. IL0052795

Special Conditions

Special Condition No. 10: Annual storm water monitoring is required for all discharges not reporting to a sediment basin until Final SMCRA Bond is released and approval to cease such monitoring is obtained from the Agency.

- A. Each discharge must be monitored for pH and settleable solids annually.
- B. Analysis of samples must be submitted with second quarter Discharge Monitoring Reports. A map with discharge locations must be included in this submittal.
- C. If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

Attachment H
Standard Conditions
Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L. 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24 Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8 Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.

- (6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency, upon request, copies of records required to be kept by this permit.
- (9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency, upon the presentation of credentials and other documents as may be required by law, to:
 - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
 - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) **Monitoring and records.**
 - (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. This period may be extended by request of the Agency at any time.
 - (c) Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The individual(s) who performed the sampling or measurements;
 - (3) The date(s) analyses were performed;
 - (4) The individual(s) who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses.
 - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
 - (a) **Application.** All permit applications shall be signed as follows:
 - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
 - (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in paragraph (a); and
 - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
 - (3) The written authorization is submitted to the Agency.

- (c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (12) **Reporting requirements.**
- (a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility.
- (b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (d) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
- (1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
- (2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- (3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.
- (e) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:
- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
- (2) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit to be reported within 24 hours.
- The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- (f) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12)(c), (d), or (e), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12)(e).
- (g) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.
- (13) **Transfer of permits.** A permit may be automatically transferred to a new permittee if:
- (a) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
- (b) The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittees; and
- (c) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (14) **All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:**
- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
- (1) One hundred micrograms per liter (100 ug/l);
- (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
- (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
- (4) The level established by the Agency in this permit.
- (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.
- (15) **All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:**
- (a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
- (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (16) **If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:**
- (a) User charges pursuant to Section 204(b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
- (b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
- (c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (17) **If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.**
- (18) **Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.**
- (19) **The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.**
- (20) **The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$10,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, or 308 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both.**
- (21) **The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (22) **The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit shall, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.**
- (23) **Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.**
- (24) **In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.**
- (25) **The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board.**
- (26) **The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.**
- (Rev. 3-13-88)

9 2 3 6 - / 9 9 - A



Consolidation Coal Company
 Illinois/West Kentucky Operations
 Post Office Box 566
 Sesser, Illinois 62884
 (618) 625-2041

RECEIVED

July 22, 1999

JUL 26 1999

Environmental Protection Agency
 WPC- Permit Log In

Marilyn Davenport
 Illinois Environmental Protection Agency
 Office Administrator
 Permit Section
 Division Of Water Pollution Control
 1021 North Grand Ave.
 P.O. Box 19276
 Springfield, Illinois 62794-9276

Re: Consolidation Coal BS4-9
 NPDES (IL0052795)
 Permit Renewal (additional information)

RECEIVED

JUL 26 1999

ILLINOIS ENVIRONMENTAL
 PROTECTION AGENCY
 BOW/WPC/PERMIT SECTION

Dear Ms. Davenport:

Per my memo dated 4/27/99 , attached please find forms 2C, table V-A, V-B, and V-C.
 The lab sheet with the analysis and a map are also attached.

If you have any questions, comments, or need additional information, contact me at
 (618) 625-6850.

Sincerely,

John Gefferth
 Environmental Engineer

JAG/jag
 nfnpdes.wpd

RECEIVED

JUL 26 1999

Environmental Protection Agency
 WPC- Permit Log In

RECEIVED

JUL 6 1999

Environmental Protection Agency
 WPC- Permit Log In

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (copy from Item 1 of Form 1)

1100052795

Form Approved
OMB No. 2000-0059
Approval expires 12-31-85

OUTFALL NO.

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT				3. LONG TERM AVERAGE VALUE (if available)	4. NO. OF ANALYSES	3. UNITS (specify if blank)		4. INTAKE (optional)		5. NO. OF ANALYSES
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)				c. CONCENTRATION	d. MASS	a. LONG TERM AVERAGE VALUE	b. LONG TERM AVERAGE VALUE	
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS							
a. Biochemical Oxygen Demand (BOD)	N/A										
b. Chemical Oxygen Demand (COD)	N/A										
c. Total Organic Carbon (TOC)	N/A										
d. Total Suspended Solids (TSS)	N/A										
e. Ammonia (as N)	N/A										
f. Flow	VALUE				VALUE					VALUE	
g. Temperature (winter)	VALUE				VALUE			°C		VALUE	
h. Temperature (summer)	VALUE				VALUE			°C		VALUE	
i. pH	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM				STANDARD UNITS			

PART B - Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS				5. INTAKE (optional)		6. NO. OF ANALYSES	
	a. EXCEEDS PRESENT LIMIT	b. EXCEEDS PRESENT LIMIT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVERAGE VALUE (if available)	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE	b. LONG TERM AVERAGE VALUE		
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS								(1) CONCENTRATION
a. Bromide (24859-07-9)		X												
b. Chloride, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X												

RECEIVED

JUL 26 1999

Environmental Protection Agency
WPC-Penn Log IN

*Unable to obtain a representative Ph sample due to severe algae blooms all spring and summer, and pond has not been discharging. Consol will forward a sample as soon as possible.

ITEM V.B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (If applicable)	2. MARK 'X' a. SEVERELY b. MODERATELY c. SLIGHTLY	3. EFFLUENT			4. UNITS			5. INTAKE (optional)		
		a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE		c. NO. OF ANAL. YRS	d. CONCENTRATION	e. MASS	f. INTAKE VALUE	
		(1) mass concentration	(2) mass	(3) mass concentration	(4) mass				(5) mass concentration	(6) mass
g. Nitrogen, Total Organic (as N)	X									
h. Oil and Grease	X									
i. Phosphorus (as P), Total (7439-14-0)	X									
j. Radioactivity										
k. (1) Alpha, Total	X									
l. (2) Beta, Total	X									
m. (3) Radium, Total	X									
n. (4) Radium 226, Total	X									
o. (5) Radium 226, Total (as SO ₄)	X	101					mg/l			
p. (6) Radium 226, Total (as SO ₄)	X									
q. (7) Radium 226, Total (as SO ₄)	X									
r. (8) Radium 226, Total (as SO ₄)	X									
s. (9) Radium 226, Total (as SO ₄)	X									
t. (10) Radium 226, Total (as SO ₄)	X									
u. (11) Radium 226, Total (as SO ₄)	X									
v. (12) Radium 226, Total (as SO ₄)	X									
w. (13) Radium 226, Total (as SO ₄)	X									
x. (14) Radium 226, Total (as SO ₄)	X									
y. (15) Radium 226, Total (as SO ₄)	X									
z. (16) Radium 226, Total (as SO ₄)	X									
aa. (17) Radium 226, Total (as SO ₄)	X									
ab. (18) Radium 226, Total (as SO ₄)	X									
ac. (19) Radium 226, Total (as SO ₄)	X									
ad. (20) Radium 226, Total (as SO ₄)	X									
ae. (21) Radium 226, Total (as SO ₄)	X									
af. (22) Radium 226, Total (as SO ₄)	X									
ag. (23) Radium 226, Total (as SO ₄)	X									
ah. (24) Radium 226, Total (as SO ₄)	X									
ai. (25) Radium 226, Total (as SO ₄)	X									
aj. (26) Radium 226, Total (as SO ₄)	X									
ak. (27) Radium 226, Total (as SO ₄)	X									
al. (28) Radium 226, Total (as SO ₄)	X									
am. (29) Radium 226, Total (as SO ₄)	X									
an. (30) Radium 226, Total (as SO ₄)	X									
ao. (31) Radium 226, Total (as SO ₄)	X									
ap. (32) Radium 226, Total (as SO ₄)	X									
aq. (33) Radium 226, Total (as SO ₄)	X									
ar. (34) Radium 226, Total (as SO ₄)	X									
as. (35) Radium 226, Total (as SO ₄)	X									
at. (36) Radium 226, Total (as SO ₄)	X									
au. (37) Radium 226, Total (as SO ₄)	X									
av. (38) Radium 226, Total (as SO ₄)	X									
aw. (39) Radium 226, Total (as SO ₄)	X									
ax. (40) Radium 226, Total (as SO ₄)	X									
ay. (41) Radium 226, Total (as SO ₄)	X									
az. (42) Radium 226, Total (as SO ₄)	X									
ba. (43) Radium 226, Total (as SO ₄)	X									
bb. (44) Radium 226, Total (as SO ₄)	X									
bc. (45) Radium 226, Total (as SO ₄)	X									
bd. (46) Radium 226, Total (as SO ₄)	X									
be. (47) Radium 226, Total (as SO ₄)	X									
bf. (48) Radium 226, Total (as SO ₄)	X									
bg. (49) Radium 226, Total (as SO ₄)	X									
bh. (50) Radium 226, Total (as SO ₄)	X									
bi. (51) Radium 226, Total (as SO ₄)	X									
bj. (52) Radium 226, Total (as SO ₄)	X									
bk. (53) Radium 226, Total (as SO ₄)	X									
bl. (54) Radium 226, Total (as SO ₄)	X									
bm. (55) Radium 226, Total (as SO ₄)	X									
bn. (56) Radium 226, Total (as SO ₄)	X									
bo. (57) Radium 226, Total (as SO ₄)	X									
bp. (58) Radium 226, Total (as SO ₄)	X									
bq. (59) Radium 226, Total (as SO ₄)	X									
br. (60) Radium 226, Total (as SO ₄)	X									
bs. (61) Radium 226, Total (as SO ₄)	X									
bt. (62) Radium 226, Total (as SO ₄)	X									
bu. (63) Radium 226, Total (as SO ₄)	X									
bv. (64) Radium 226, Total (as SO ₄)	X									
bw. (65) Radium 226, Total (as SO ₄)	X									
bx. (66) Radium 226, Total (as SO ₄)	X									
by. (67) Radium 226, Total (as SO ₄)	X									
bz. (68) Radium 226, Total (as SO ₄)	X									
ca. (69) Radium 226, Total (as SO ₄)	X									
cb. (70) Radium 226, Total (as SO ₄)	X									
cc. (71) Radium 226, Total (as SO ₄)	X									
cd. (72) Radium 226, Total (as SO ₄)	X									
ce. (73) Radium 226, Total (as SO ₄)	X									
cf. (74) Radium 226, Total (as SO ₄)	X									
cg. (75) Radium 226, Total (as SO ₄)	X									
ch. (76) Radium 226, Total (as SO ₄)	X									
ci. (77) Radium 226, Total (as SO ₄)	X									
cj. (78) Radium 226, Total (as SO ₄)	X									
ck. (79) Radium 226, Total (as SO ₄)	X									
cl. (80) Radium 226, Total (as SO ₄)	X									
cm. (81) Radium 226, Total (as SO ₄)	X									
cn. (82) Radium 226, Total (as SO ₄)	X									
co. (83) Radium 226, Total (as SO ₄)	X									
cp. (84) Radium 226, Total (as SO ₄)	X									
cq. (85) Radium 226, Total (as SO ₄)	X									
cr. (86) Radium 226, Total (as SO ₄)	X									
cs. (87) Radium 226, Total (as SO ₄)	X									
ct. (88) Radium 226, Total (as SO ₄)	X									
cu. (89) Radium 226, Total (as SO ₄)	X									
cv. (90) Radium 226, Total (as SO ₄)	X									
cw. (91) Radium 226, Total (as SO ₄)	X									
cx. (92) Radium 226, Total (as SO ₄)	X									
cy. (93) Radium 226, Total (as SO ₄)	X									
cz. (94) Radium 226, Total (as SO ₄)	X									
da. (95) Radium 226, Total (as SO ₄)	X									
db. (96) Radium 226, Total (as SO ₄)	X									
dc. (97) Radium 226, Total (as SO ₄)	X									
dd. (98) Radium 226, Total (as SO ₄)	X									
de. (99) Radium 226, Total (as SO ₄)	X									
df. (100) Radium 226, Total (as SO ₄)	X									

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4-dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be absent. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			b. NO. OF ANAL. YRS
	TESTED DATE	b. NO. OF ANAL. YRS	c. SEVERITY RISK	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVERAGE VALUE (if available)		d. NO. OF ANAL. YRS	e. CONCEN- TRATION	f. MASS	g. LONG TERM AVERAGE VALUE		
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X														
2M. Arsenic, Total (7440-39-2)	X														
3M. Beryllium, Total, 7440-41-7)	X														
4M. Cadmium, Total (7440-43-8)	X														
5M. Chromium, Total (7440-47-3)	X														
6M. Copper, Total (7440-50-8)	X														
7M. Lead, Total (7439-92-1)	X														
8M. Mercury, Total (7439-97-6)	X														
9M. Nickel, Total (7440-02-0)	X														
10M. Selenium, Total (7782-49-2)	X														
11M. Silver, Total (7440-22-4)	X														
12M. Thallium, Total (7440-28-0)	X														
13M. Zinc, Total (7440-66-6)	X														
14M. Cyanide, Total (57-12-6)	X														
15M. Phenols, Total	X														
DIOXIN															
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1784-01-6)															
DESCRIBE RESULTS															

1. POLLUTANT AND GAS NUMBER (if available)	2. MARK 'A'		3. EFFLUENT				4. UNITS				5. INTAKE (optional)			
	A. RE- LEASED NO. OF GAS MO.	B. RE- LEASED NO. OF GAS MO.	C. MAXIMUM DAILY VALUE (1) CONC. (2) MASS	D. MAXIMUM 30 DAY VALUE (1) CONC. (2) MASS	E. LONG TERM AVERAGE VALUE (1) CONC. (2) MASS	F. NO. OF ANAL. YES	G. CONCENTRATION	H. MASS	I. CONCENTRATION	J. MASS	K. NO. OF ANAL. YES	L. CONCENTRATION	M. MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS														
1V. Acrolein (107-02-8)														
2V. Acrylonitrile (107-13-1)														
3V. Benzene (71-43-2)														
4V. 81a (Chloro- methyl) Ether (942-88-1)														
5V. Bromoform (75-25-2)														
6V. Carbon Tetrachloride (86-23-8)														
7V. Chlorobenzene (108-90-7)														
8V. Chlorodi- bromomethane (124-48-1)														
9V. Chloroethane (75-00-3)														
10V. 2-Chloro- ethylvinyl Ether (110-75-5)														
11V. Chloroform (67-66-3)														
12V. Dichloro- bromomethane (78-27-4)														
13V. Dichloro- difluoromethane (75-71-8)														
14V. 1,1-Dichloro- ethane (78-34-3)														
15V. 1,2-Dichloro- ethane (107-06-2)														
16V. 1,1-Dichloro- ethylene (75-35-4)														
17V. 1,2-Dichloro- propane (78-87-5)														
18V. 1,2-Dichloro- propylene (842-78-9)														
19V. Ethylbenzene (100-41-4)														
20V. Methyl Bromide (74-83-6)														
21V. Methyl Chloride (74-87-8)														

CONTINUED FROM PAGE V-4

CONTINUED FROM PAGE V-4										
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS		5. INTAKE (optional)	
	ATTESTING OFFICIAL'S SIGNATURE	DATE	a. MAXIMUM DAILY VALUE (if available)	b. MAXIMUM MONTHLY AVERAGE VALUE (if available)	c. LONG TERM AVERAGE VALUE (if available)	d. NO. OF ANAL. YRS	e. CONCENTRATION	f. MASS	g. CONCENTRATION	h. MASS
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)										
22V. Methylene Chloride (75-09-2)										
23V. 1,1,2,2-Tetrachloroethane (78-34-5)										
24V. Tetrachloroethylene (127-18-4)										
25V. Toluene (108-88-3)										
26V. 1,2-Trans-Dichloroethylene (156-60-5)										
27V. 1,1,1-Trichloroethane (71-55-6)										
28V. 1,1,2-Trichloroethane (78-00-6)										
29V. Trichloroethylene (79-01-6)										
30V. Trichlorofluoromethane (75-69-4)										
31V. Vinyl Chloride (75-01-4)										
GC/MS FRACTION - ACID COMPOUNDS										
1A. 2-Chlorophenol (95-57-8)										
2A. 2,4-Dichlorophenol (120-83-2)										
3A. 2,4-Dimethylphenol (105-67-9)										
4A. 4,6-Dinitro-O-Cresol (534-52-1)										
5A. 2,4-Dinitrophenol (51-28-5)										
6A. 2-Nitrophenol (88-75-5)										
7A. 4-Nitrophenol (100-02-7)										
8A. p-Chloro-M-Cresol (59-50-7)										
9A. Pentachlorophenol (87-86-5)										
10A. Phenol (108-95-2)										
11A. 2,4,6-Trichlorophenol (88-06-2)										

CONTINUED FROM THE FRONT

CONTINUED FROM THE FRONT														
1. POLLUTANT AND CAS NUMBER (if available)		2. MARK 'X'		3. EFFLUENT					4. UNITS		5. INTAKE (optional)			
		ANALYST'S NAME QUIN. SERV.	DATE SERV.	B. MAXIMUM DAILY VALUE (if available)	(1) CONCENTRATION	(2) MASS	C. LONG TERM AVERAGE VALUE (if available)	(1) CONCENTRATION	(2) MASS	D. NO. OF ANAL. YRS	B. CONCENTRATION	C. MASS	D. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	D. NO. OF ANAL. YRS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS														
1B. Acenaphthene (83-32-9)														
2B. Acenaphthylene (208-96-8)														
3B. Anthracene (120-12-7)														
4B. Benzidine (92-87-8)														
5B. Benzo (a) Anthracene (56-55-3)														
6B. Benzo (e) Pyrene (50-32-8)														
7B. 3,4-Benzo- fluoranthene (205-99-2)														
8B. Benzo (ghi) Perylene (191-24-2)														
9B. Benzo (h) Fluoranthene (207-08-9)														
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)														
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)														
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)														
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)														
14B. 4-Bromo-phenyl Phenyl Ether (101-88-3)														
15B. Butyl Benzyl Phthalate (85-68-7)														
16B. 2-Chloronaphthalene (91-58-7)														
17B. 4-Chlorophenyl Phenyl Ether (7006-72-3)														
18B. Chrysene (218-01-8)														
19B. Dibenzo (a,h) Anthracene (53-70-3)														
20B. 1,2-Dichlorobenzene (95-50-1)														
21B. 1,3-Dichlorobenzene (541-73-1)														

EPA I.D. NUMBER (copy from Item I of Form I) OUTFALL NUMBER
IL00052795 9-002

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT				4. UNITS		5. INTAKE (optional)	
	TEST METHOD	DATE	8. MAXIMUM DAILY VALUE	9. MAXIMUM 30 DAY VALUE	10. LONG TERM AVERAGE VALUE (if available)	11. NO. OF ANAL. YES	CONCENTRATION	MASS	CONCENTRATION	MASS
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)										
22B. 1,4-Dichlorobenzene (108-46-7)										
23B. 3,3'-Dichlorobenzidine (91-94-1)										
24B. Diethyl Phthalate (84-66-2)										
25B. Dimethyl Phthalate (131-11-3)										
26B. Di-N-Butyl Phthalate (84-74-2)										
27B. 2,4-Dinitrotoluene (121-14-2)										
28B. 2,6-Dinitrotoluene (906-20-2)										
29B. Di-N-Octyl Phthalate (117-94-0)										
30B. 1,2-Diphenylhydrazine (or Azobenzene) (122-66-7)										
31B. Fluoranthene (206-44-0)										
32B. Fluorene (86-73-7)										
33B. Hexachlorobenzene (118-74-1)										
34B. Hexachlorobutadiene (87-68-3)										
35B. Hexachlorocyclopentadiene (77-47-4)										
36B. Hexachloroethane (67-72-1)										
37B. Indeno (1,2,3-cd) Pyrene (193-39-6)										
38B. Isophorone (78-59-1)										
39B. Naphthalene (91-20-3)										
40B. Nitrobenzene (98-95-3)										
41B. N-Nitrosodimethylamine (82-75-9)										
42B. N-Nitrosodi-N-Propylamine (621-64-7)										

CONTINUE ON R

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE (optional)		
	ATTN: INC. OR SUB. QTY.	C.B. REV. QTY.	A. MAXIMUM DAILY VALUE		B. MAXIMUM (if available)		C. LONG TERM (if available)		D. CONCENTRATION	E. MASS	F. LONG TERM AVERAGE VALUE		G. NO. OF ANAL. YES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS			(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)													
43B. N-Nitro-sodichloroamine (86-30-6)			X										
44B. Phenanthrene (85-01-8)			X										
45B. Pyrene (129-00-0)			X										
46B. 1,2,4-Trichlorobenzene (120-82-1)			X										
GC/MS FRACTION - PESTICIDES													
1P. Aldrin (308-00-2)			X										
2P. D-BHC (319-84-6)			X										
3P. β -BHC (319-85-7)			X										
4P. γ -BHC (58-89-9)			X										
5P. δ -BHC (319-86-8)			X										
6P. Chlordane (57-74-9)			X										
7P. 4,4'-DDT (50-29-3)			X										
8P. 4,4'-DDE (72-55-9)			X										
9P. 4,4'-DDD (72-54-8)			X										
10P. Dieldrin (60-57-1)			X										
11P. α -Endosulfan (115-20-7)			X										
12P. β -Endosulfan (115-28-7)			X										
13P. Endosulfan Sulfate (1031-07-8)			X										
14P. Endrin (72-20-8)			X										
15P. Endrin Aldehyde (7421-93-4)			X										
16P. Heptachlor (78-44-8)			X										

EPA I.D. NUMBER (copy from Item 1 of Form 1) OUTFALL NUMBER
1L00052795 9-002

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	TEST NO. QUIP NO.	TEST NO. QUIP NO.	TEST NO. QUIP NO.	8. MAXIMUM DAILY VALUE (if available)	9. MAXIMUM 30 DAY VALUE (if available)	10. LONG TERM VALUE (if available)	11. NO. OF ANAL- YSES	12. CONCENTRATION	13. MASS	14. LONG TERM AVERAGE VALUE (1) CONCENTRATION (2) MASS	15. NO. OF ANAL- YSES	
GCMS FRACTION - PESTICIDES (continued)												
17P. Heptachlor Epoxide (1024-57-3)			X									
18P. PCB-1242 (53469-21-9)			X									
19P. PCB-1254 (11097-69-1)			X									
20P. PCB-1221 (11104-28-2)			X									
21P. PCB-1232 (11141-16-5)			X									
22P. PCB-1248 (12672-29-6)			X									
23P. PCB-1260 (11098-92-5)			X									
24P. PCB-1016 (12674-11-2)			X									
25P. Toxaphene (8001-35-2)			X									

PAGE V-9

EPA Form 3510-2C (Rev. 4-84)



STANDARD LABORATORIES, INC.

P.O. Box 39 (Mail)

Freeburg, IL 62243-0039

Lab No. 9906-00024-001

Date Rec'd. 6/10/99

Date Sampled 6/10/99 @ 16:12

Sampled By Standard Laboratories, Inc.

Date: 6/30/99

Page: 1 of 1

CONSOLIDATION COAL COMPANY
ILLINOIS/WEST KENTUCKY OPER.
P.O. BOX 566
SESSER, IL 62884-0566
ATTN: JOHN GEFFERTH

BS4 O 9-002

990602401

CONSOLIDATED PERMIT SAMPLE

RECEIVED

JUL 01

CONSOLIDATION COAL COMPANY
ENGINEERING DEPT.

PARAMETER	VALUE UNITS	METHOD	DATE	TECH
PH	9.18 SU	EPA 600 150.1	6/10/99	NR
FIELD TEMPERATURE	31.5 DEGREES C	EPA 600 170.1	6/10/99	NR
FIELD FLOW, GALLON/MIN	17.8 GPM		6/10/99	NR
SOLIDS, SUSPENDED	2 MG/L	2540D	6/14/99	GAM
IRON, TOTAL	0.12 MG/L	236.1	6/22/99	LAM
ACIDITY	-27.0 MG/L	2310B	6/14/99	KS
ALK AS CaCO ₃ , PH 4.5	39.0 MG/L	2320B	6/14/99	KS
SULFATE	101 MG/L	375.4	6/18/99	MG
BERYLLIUM, TOTAL	< 2 UG/L	210.1	6/25/99	LAM
CADMIUM, TOTAL	< 2 UG/L	213.1	6/25/99	LAM
CHROMIUM, TOTAL	< 20 UG/L	218.1	6/25/99	LAM
COPPER, TOTAL	20 UG/L	220.1	6/24/99	LAM
LEAD, TOTAL	< 20 UG/L	239.1	6/24/99	LAM
NICKEL, TOTAL	< 20 UG/L	249.1	6/24/99	LAM
SILVER, TOTAL	< 2 UG/L	272.1	6/25/99	LAM
ZINC, TOTAL	0.01 MG/L	289.1	6/23/99	LAM
ANTIMONY, TOTAL	< 3.0 UG/L	204.2	6/25/99	GAM
ARSENIC, TOTAL	2.9 UG/L	206.2	6/25/99	GAM
SELENIUM, TOTAL	12.1 UG/L	270.2	6/24/99	GAM
THALLIUM, TOTAL	< 1.0 UG/L	279.2	6/25/99	GAM
MERCURY, TOTAL	< 0.02 UG/L	3112B	6/25/99	GAM
CYANIDE	< 0.003 MG/L	335.2	6/23/99	CSA
PHENOL (ics)	< 0.017 MG/L	510A&C	6/21/99	GAM

Respectfully Submitted by:

Richard L. Wilburn

"The analyses, opinions or interpretations contained in this report have been prepared at the client's direction, are based upon observation of materials provided by the client and express the best judgement of Standard Laboratories, Inc. Standard Laboratories, Inc. makes no other representation or warranty, expressed or implied, regarding this report. This Certificate of Analysis may not be reproduced except in full, without the written approval of Standard Laboratories, Inc. Invalid if altered."



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2309 W. Main St., Suite 116, Marion, IL 62959

Thomas V. Skinner, Director

July 21, 1999

618/993-7200

County Clerk
Government Building
P.O. Box 438
Pinckneyville, IL 62274

Re: Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
NPDES Permit No. IL0052795
Public Notice of Permit

County Clerk:

Please post the attached National Pollutant Discharge Elimination System Public Notice for a period of 30 days. In addition, complete and return the enclosed post card indicating the date of posting. Thank you for your cooperation.

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in cursive script, reading "Larry D. Crislip".

Larry D. Crislip, P.E.
Manager, Permit Section
Mine Pollution Control Program
Bureau of Water

LDC/0093c99/6-10-99

Enclosures: Public Notice/Fact Sheet, Post Card

cc: Marion Region/Mine Pollution Control Program
BOW/DWPC/Records



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2309 W. Main St., Suite 116, Marion, IL 62959

Thomas V. Skinner, Director

July 21, 1999

618/993-7200

U.S. Fish & Wildlife Service
Rock Island Field Office
4469 48th Avenue Court
Rock Island, Illinois 61201

Re: Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
NPDES Permit No. IL0052795
Public Notice of Permit

Gentlemen:

In accordance with 40 CFR 124.10, we hereby submit a copy of the Public Notice/Fact Sheet for the above discharger. If no written reply is received at the address indicated below within 30 days of the date of this request, the Agency will assume that the U.S. Fish and Wildlife Service has no objection to the proposed discharge.

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, IL 62794-9276

Attn: NPDES PN Clerk

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in cursive script, reading "Larry D. Crislip".

Larry D. Crislip, P.E.
Manager, Permit Section
Mine Pollution Control Program
Bureau of Water

LDC/0093c99/6-10-99

Enclosure: Public Notice/Fact Sheet

cc: Marion Region/Mine Pollution Control Program
BOW/DWPC/Records



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2309 W. Main St., Suite 116, Marion, IL 62959

Thomas V. Skinner, Director

July 21, 1999

618/993-7200

Consolidation Coal Company
State Route 148 North
P.O. Box 566
Sesser, IL 62884

Re: Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
NPDES Permit No. IL0052795
Public Notice of Permit

Gentlemen:

Please post the attached Public Notice for the subject discharge for at least a period of thirty days from the date on the Notice in a conspicuous place on your premises.

We have enclosed a copy of the draft NPDES permit on which this official Public Notice is based. If you wish to comment on the draft permit, please do so within 30 days of the Public Notice date. If there are any questions, please contact the undersigned at 618/993-7200.

Thank you for your cooperation.

Respectfully,

ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in cursive script, reading "Larry D. Crislip".

Larry D. Crislip, P.E.
Manager, Permit Section
Mine Pollution Control Program
Bureau of Water

LDC/0093c99/6-10-99

Enclosures: Draft Permit, Public Notice/Fact Sheet

cc: GERPDC/with Enclosures
Marion Region/Mine Pollution Control Program
BOW/DWPC/CAS
BOW/DWPC/Records

NPDES Permit No. IL0052795

Notice No. 0095c99

Date: **JUL 23 1999**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

PUBLIC NOTICE/FACT SHEET
of
Proposed Renewed NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois EPA
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Consolidation Coal Company
State Route 148 North
Sesser, IL 62884

Name and Address of Facility:

Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
R.R. No. 1, Box 39
Cutler, Illinois 62238
2.5 miles northeast of Cutler, Illinois
(Perry County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue an NPDES permit to discharge into the waters of the state and has prepared a draft permit for the above named discharger.

Length of Permit:

Approximately 5 Years

Name of Receiving Waters:

Galum Creek for Outfalls 002, 006(S), 008,
025B and 040
Unnamed tributary of Galum Creek for
Outfalls 001 and 017
Unnamed tributary of Galum Creek via Pond 001
for Outfall 001A
Southern portion of Old Bonnie Creek Diversion
for Outfall 046

Classification of Receiving Waters:

General Use

This permit is being renewed and modified to delete Outfalls 023 and 023A.

The following water quality and effluent standards and limitations were applied to the discharge:

Except as otherwise noted the effluent concentrations and load limitations (including toxics) were based on effluent and, if applicable, water quality limitations specified in Illinois Pollution Control Board (IPCB), Rules and Regulations, Chapter 1, Subtitle C: Water Pollution and/or Subtitle D Mine Related Water Pollution, 40 CFR 434, and/or proposed effluent guidelines using the authority provided in Section 402(a)(1) of the Clean Water Act.

The applicant operates an existing surface coal mine (SIC 1221) located 2.5 miles northeast of Cutler, Illinois, Perry County in Sections 21, 22, 23, 26, 27, 28, 33, 34, 35 and 36, Township 5 South, Range 4 West, and Sections 1, 2, 3 and 4, Township 6 South, Range 4 West.

Mine operations result in the discharge of alkaline mine drainage, surface runoff from reclamation areas, stormwater discharges and sanitary wastewater.

Flow will be monitored. The primary parameters to be limited and monitored are total suspended solids, iron, pH, acidity, alkalinity, sulfates, chlorides, CBOD₅ and settleable solids.

Monitoring frequencies and reporting requirements were established by using the authority set forth in IPCB, Chapter 1, Subtitle C: Water Pollution and/or Subtitle D: Mine Related Water Pollution, Title 40, Section 122.44(l) and 122.48 of the federal regulations, and/or using the authority provided in Section 402(a)(1) of the Clean Water Act.

Pursuant to the waiver provisions authorized by 40 CFR 123.24, this proposed permit is within the class, type, and size for which the Regional Administrator, Region V, has waived his right to review, object, or comment on this proposed permit action.

The effluent limitations and special conditions, if applicable, are appended as a part of the draft permit.

Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. The NPDES permit and notice number(s) must appear on each comment page. Any interested person may submit a written request for a public hearing on the draft permit, stating his or her name and address, the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues.

The application, engineer's review notes including load limits calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday.

All comments on the draft permit and requests for hearing must be received by the IEPA not later than 30 days from the date of this publication. If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 30 days before any public hearing. For further information call the Public Notice Clerk at 217/782-0610.

NPDES Permit No. IL0052795
Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276

DRAFT
JUL 23 1999
PUBLIC NOTICED

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Renewed NPDES Permit

Expiration Date: June 30, 2004

Issue Date:
Effective Date:

Name and Address of Permittee:

Consolidation Coal Company
State Route 148 North
P.O. Box 566
Sesser, IL 62884

Facility Name and Address:

Consolidation Coal Company
Burning Star No. 4 Mine (BS4-9)
R.R. No. 1, Box 39
Cutler, Illinois 62238
2.5 miles northeast of Cutler, Illinois
(Perry County)

Discharge Number and Name:

001	Alkaline Mine Drainage
002, 008, 025B, 040	Alkaline Mine Drainage
046	Alkaline Mine Drainage
017	Reclamation Area Drainage
001A	Sanitary Wastewater
006(S)	Stormwater Discharge

Receiving waters

Unnamed tributaries of Galum Creek
Galum Creek
Southern portion of Old Bonnie Creek Diversion
Unnamed tributary of Galum Creek
Unnamed tributary of Galum Creek via Pond 001
Galum Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Subtitle C and/or Subtitle D Rules and Regulations of the Illinois Pollution Control Board, and the Clean Water Act, the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Ronald E. Morse, Manager
Mine Pollution Control Program
Bureau of Water

REM:LDC/0095c99/6-11-99

NPDES Coal Mine Permit
 NPDES Permit No. IL0052795
 Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		
From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:						
Outfall: 001A (Sanitary Wastewater)						
Flow (MGD)					Measure When Monitoring	
CBOD ₅	1.20	2.40	25	50	1/month	Composite
Total Suspended Solids	1.44	2.88	30	60	1/month	Composite
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab

NPDES Coal Mine Permit
NPDES Permit No. IL0052795
Effluent Limitations and Monitoring

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JUL 23 1999
PUBLIC NOTICED

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		

From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:

Outfall: 001, 002, 008, 025B, 040 (Alkaline Mine Drainage)

Flow (MGD)					Measure When Monitoring	
Total Suspended Solids			35.0	70.0	***	Grab
Iron (total)			3.0	6.0	***	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab
Alkalinity/ Acidity	Total acidity shall not exceed total alkalinity				1/month	Grab

***There shall be a minimum of nine (9) samples collected during the quarter when the pond is discharging. Of these 9 samples, a minimum of one sample each month shall be taken during base flow conditions. A "no flow" situation is not considered to be a sample of the discharge. A grab sample of each discharge caused by the following precipitation event(s) shall be taken for the following parameters during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s). The remaining three (3) samples may be taken from either base flow or during precipitation event.

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period less than or equal to the 10-year, 24-hour precipitation event (or snowmelt or equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
Settleable Solids	0.5 ml/l daily maximum
pH	6.0 - 9.0 at all times

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt or equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit
NPDES Permit No. IL0052795
Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		

From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:

Outfall(s): 046 (Alkaline Mine Drainage)

Flow (MGD)					Measure When Monitoring	
Total Suspended Solids			35.0	70.0	***	Grab
Iron (total)			3.0	6.0	***	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab
Alkalinity/ Acidity	Total acidity shall not exceed total alkalinity				1/month	Grab
Sulfates				3500	**	Grab
Chlorides				1000	1/year	Grab

**Sample frequency shall be once a month until twelve samples have been collected; after which and upon written notification to the Agency, the sampling may cease, unless the Agency modifies the permit to require continued sampling at some frequency.

***There shall be a minimum of nine (9) samples collected during the quarter when the pond is discharging. Of these 9 samples, a minimum of one sample each month shall be taken during base flow conditions. A "no flow" situation is not considered to be a sample of the discharge. A grab sample of each discharge caused by the following precipitation event(s) shall be taken for the following parameters during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s). The remaining three (3) samples may be taken from either base flow or during precipitation event.

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period less than or equal to the 10-year, 24-hour precipitation event (or snowmelt or equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
Settleable Solids	0.5 m/l daily maximum
pH	6.0 - 9.0 at all times

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt or equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit
NPDES Permit No. IL0052795
Effluent Limitations and Monitoring

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JUL 23 1999
PUBLIC NOTICED

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		

From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:

Outfall: 017 (Reclamation Area Drainage)

Flow (MGD)		Measure When Monitoring	
Settleable Solids	0.5 ml/l	1/month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0	1/month	Grab

In addition to the above base flow sampling requirements, a grab sample of each discharge caused by the following precipitation event(s) shall be taken (for the following parameters) during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s).

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit

NPDES Permit No. IL0052795

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		

Upon completion of Special Condition 8 and approval from the Agency, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall(s): 001, 002, 008, 025B, 040 (Reclamation Area Drainage)

Flow (MGD)					Measure When Monitoring	
Settleable Solids				0.5 ml/l	1/month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/month	Grab

In addition to the above base flow sampling requirements, a grab sample of each discharge caused by the following precipitation event(s) shall be taken (for the following parameters) during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s).

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) shall comply with the following limitations:

<u>Pollutant or Pollutant Property</u>	<u>Effluent Limitations</u>
pH	6.0 - 9.0 at all times

NPDES Coal Mine Permit

NPDES Permit No. IL0052795

Effluent Limitations and Monitoring

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PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		

Upon completion of Special Condition 8 and approval from the Agency, the effluent of the following discharges shall be monitored and limited at all times as follows:

Outfall: 046 (Reclamation Area Drainage)

Flow (MGD)				Measure When Monitoring	
Settleable Solids			0.5 ml/l	1/month	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0			1/month	Grab
Sulfates			3500	**	Grab
Chlorides			1000	1/year	Grab

** Unless previously approved by the Agency to be reduced or ceased, sample frequency shall be once a month until twelve samples have been collected; after which and upon written notification to the Agency, the sampling may cease, unless the Agency modifies the permit to require continued sampling at some frequency.

In addition to the above base flow sampling requirements, a grab sample of each discharge caused by the following precipitation event(s) shall be taken (for the following parameters) during at least 3 separate events each quarter. For quarters in which there are less than 3 such precipitation events resulting in discharges, a grab sample of the discharge shall be required whenever such precipitation event(s) occur(s).

Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10-year, 24-hour precipitation event (or snowmelt of equivalent volume) shall comply with the following limitations:

Pollutant or Pollutant Property
 pH

Effluent Limitations
 6.0 - 9.0 at all times

NPDES Coal Mine Permit

NPDES Permit No. IL0052795

Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		

From the effective date of this Permit until June 30, 2004, the effluent of the following discharge shall be monitored and limited at all times as follows:

Outfall: 006(S) (Stormwater Discharge)

Settleable Solids			0.5 ml/l		1/Year	Grab
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/Year	Grab

Stormwater discharge monitoring is subject to the following reporting requirements:

Analysis of samples shall be submitted with second quarter Discharge Monitoring Reports.

If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

Annual stormwater monitoring is required for all discharges until final SMCRA bond is released and approval to cease such monitoring is obtained from the Agency.

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NPDES Coal Mine Permit
 NPDES Permit No. IL0052795
 Effluent Limitations and Monitoring

PARAMETER	LOAD LIMITS lbs/day		CONCENTRATION LIMITS mg/l		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY	DAILY	30 DAY	DAILY		
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		
Upon completion of Special Condition 9 and approval from the Agency, the effluent of the following discharges shall be monitored and limited at all times as follows:						
Outfall(s): 001, 002, 008, 017, 025B, 040, 046 (Stormwater Discharge)						
Settleable Solids			0.5 ml/l	1/Year	Grab	
pH	The pH shall not be less than 6.0 nor greater than 9.0				1/Year	Grab

Stormwater discharge monitoring is subject to the following reporting requirements:

Analysis of samples shall be submitted with second quarter Discharge Monitoring Reports.

If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

Annual stormwater monitoring is required for all discharges until final SMCRA bond is released and approval to cease such monitoring is obtained from the Agency.

NPDES Permit No. IL0052795

Construction Authorization No. 9236-99

C.A. Date: June 11, 1999

Authorization is hereby granted to the above designee to construct the mine and mine refuse area described as follows:

A surface mine and mine related facilities consisting of 7,156 acres located in Sections 21, 22, 23, 26, 27, 28, 33, 34, 35 and 36, Township 5 South, Range 4 West, and Sections 1, 2, 3 and 4, Township 6 South, Range 4 West, 3rd P.M., Perry County, Illinois. The mine described herein consists of two (2) mining fields described as follows:

South Field

A reclaimed surface coal mining area, designated as the South Field and delineated in IEPA Log No. 7075-91-C, and consisting of approximately 2,070 acres. This area was transferred from NPDES Permit No. IL0026492 in accordance with IEPA Log No. 1086-97. NPDES Permit No. IL0026492 was terminated March 26, 1999,

Surface drainage for this area is controlled by one (1) sedimentation pond with discharge designated as Outfall 006(S) which is classified as a stormwater discharge and reports to Galum Creek. This area also includes a discharge designated as Outfall 001; however, liability for water quality from this outfall has been transferred to Apogee Coal Company, Captain Mine under NPDES Permit No. IL0033723 as described in IEPA Log Nos. 7082-81 and 6092-82.

North Field

This mining area, designated as the North Field, consists of approximately 5,086 acres.

Surface drainage for the North Field is controlled by seven (7) sedimentation ponds with discharges designated as Outfalls 001, 002, 008, 017, 025B, 040 and 046. Outfalls 001 and 017 report to unnamed tributaries of Galum Creek while Outfalls 002, 008 and 040 report directly to Galum Creek. The discharge designated as Outfall 046 reports to the southern portion of the Old Bonnie Creek Diversion. Outfall 001A is the designated discharge from the sewage treatment system which reports to Galum Creek via Pond 001. The currently approved drainage control plan for the North Field is identified as Phase V and is described in IEPA Log Nos. 2258-96 and 2258-96-A.

Discharges designated as Outfalls 023 and 023A have been deleted from this permit in accordance with information regarding the reclamation of the basins contained in IEPA Log No. 9277-99.

The Bonnie Creek Diversion flow has been temporarily redirected into the Final Cut (Outfall 046) as proposed in IEPA Log No. 1380-97 to facilitate reclamation of the temporary diversion and completion of the permanent restoration.

Approval is hereby granted to direct the Galum Creek flow into the permanent restoration as described in IEPA Log No. 0565-98 subject to Condition No. 11.

Coarse refuse is approved for disposal in abandoned Incline No. 1, No. 2 and No. 3. Fine refuse (slurry) disposal is approved for abandoned inclines and a final cut located in Sections 2, 3 and 4, Township 6 South, Range 4 West. All refuse disposal shall be in accordance with Title 35 Ill. Adm. Code 405.106 and 405.109.

The abandonment plans as described in IEPA Log Nos. 6123-82, 6130-82, 5070-83, 3001-85, 3062-85, 3062-85-A, 3062-85-B, 2069-86, 2087-86 and 2067-96 shall be executed and completed in accordance with Title 35 Ill. Adm. Code 405.109. All water remaining upon abandonment must meet the requirements of Title 35 Ill. Adm. Code 406.106 and 406.202.

This Authorization renews and replaces Construction Authorization No. 5002-93 and Supplemental Construction Authorization Nos. 5002-93-1, 5002-93-2 and 5002-93-3 (Modified) which were previously issued for the herein permitted activities.

Pursuant to Title 35 Ill. Adm. Code 406.203 the water quality standards of Title 35 Ill. Adm. Code 406.202 as they apply to sulfates, chlorides, total dissolved solids, iron and manganese shall not apply to discharges covered under this permit.

This Authorization is issued subject to the following Conditions. If such Conditions require additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval to secure issuance of a Supplemental Authorization to Construct.

1. If any statement or representation is found to be incorrect, this permit may be revoked and the permittee thereupon waives all rights thereunder.
2. The issuance of this permit (a) shall not be considered as in any manner affecting the title of the premises upon which the mine or mine refuse area is to be located; (b) does not release the permittee from any liability for damage to person or property caused by or resulting from the installation, maintenance or operation of the proposed facilities; (c) does not take into consideration the structural stability of any units or parts of the project; and (d) does not release the permittee from compliance with other applicable statutes of the State of Illinois, or with applicable local laws, regulations or ordinances.

DRAFT**JUL 23 1999****PUBLIC NOTICED**

NPDES Permit No. IL0052795

Construction Authorization No. 9236-99

C.A. Date: June 11, 1999

3. Final plans, specifications, application and supporting documents as submitted by the person indicated on Page 1 as approved shall constitute part of this permit and are identified by Log #6130-82, 6123-82, 3001-85, 3065-85, 3134-85, 3137-85, 3142-85, 2069-86, 2087-86 and 2067-96 in the records of the Illinois Environmental Protection Agency.
4. There shall be no deviations from the approved plans and specifications unless revised plans, specifications and application shall first have been submitted to the Illinois Environmental Protection Agency and a supplemental permit issued.
5. The permit holder shall notify the Environmental Protection Agency (217/782-3637) immediately of an emergency at the mine or mine refuse area which causes or threatens to cause a sudden discharge of contaminants into the waters of Illinois and shall immediately undertake necessary corrective measures as required by Title 35 Ill. Adm. Code 405.111. (217/782-3637 for calls between the hours of 5:00 p.m. to 8:30 a.m. and on weekends.)
6. The termination of an NPDES discharge monitoring point or cessation of monitoring of an NPDES discharge is not authorized by this Agency until the permittee submits adequate justification to show what alternate treatment is provided or that untreated drainage will meet applicable effluent and water quality standards.
7. Initial construction activities in areas to be disturbed shall be for collection and treatment facilities only. Prior to the start of other activities, surface drainage controls shall be constructed and operated to avoid violations of the Act or Subtitle D. At such time as runoff water is collected in the sedimentation pond, a sample shall be collected and analyzed, with the results sent to this Agency to show compliance with the applicable effluent and water quality standards. Should additional treatment be necessary to meet these standards, a Supplemental Permit must be obtained. Discharge from this pond is not allowed unless applicable effluent and water quality standards are met.
8. This Agency must be informed in writing and an application submitted if drainage, which was previously classified as alkaline (pH greater than 6.0), becomes acid (pH less than 6.0) or ferruginous (base flow with an iron concentration greater than 10 mg/l). The type of drainage reporting to the basin should be reclassified in a manner consistent with the applicable rule of Title 35 Ill. Adm. Code 406 as amended in R84-29 at 11 Ill. Reg. 12899. The application should discuss the treatment method and demonstrate how the discharge will meet the applicable standards.
9. A permittee has the obligation to add a settling aid if necessary to meet the suspended solids or settleable solids effluent standards. The selection of a settling aid and the application practice shall be in accordance with a. or b. below.
 - a. Alum ($Al_2(SO_4)_3$), hydrated lime ($Ca(OH)_2$), soda ash (Na_2CO_3), alkaline pit pumpage, acetylene production by-product (tested for impurities), and ground limestone are acceptable settling aids and are hereby permitted for alkaline mine drainage sedimentation ponds.
 - b. Any other settling aids such as commercial flocculents and coagulants are permitted only on prior approval from the Agency. To obtain approval a permittee must demonstrate in writing to the Agency that such use will not cause a violation of the toxic substances standard of Title 35 Ill. Adm. Code 302.210 or of the appropriate effluent and water quality standards of Title 35 Ill. Adm. Code parts 302, 304, and 406.
10. Any of the following shall be a violation of the provisions required under Title 35 Ill. Adm. Code 406.203(c):
 - A. It is demonstrated that an adverse effect on the environment in and around the receiving stream has occurred or is likely to occur.
 - B. It is demonstrated that the discharge has adversely affected or is likely to adversely affect any public water supply.
 - C. The Agency determines the permittee is not utilizing good mining practices which are applicable in order to minimize the discharge of total dissolved solids, chloride, sulfate, iron and manganese. The following concentrations are presumed achievable according to information in the application, and demonstrate the utilization of good mining practices. The Agency may require additional information to determine compliance with Title 35 Ill. Adm. Code 406.204 when they are exceeded.

<u>Outfall</u>	<u>Chloride in mg/l</u>	<u>Sulfate in mg/l</u>	<u>Other</u>
046	500	1000	
11. All previously disturbed reclaimed areas, tributary to the Galum Creek Permanent Restoration, that discharge offsite without going through a sedimentation pond shall be incorporated into the stormwater monitoring plan for this facility.

NPDES Permit No. IL0052795

Special Conditions

Special Condition No. 1: No effluent from any mine related facility area under this permit shall, alone or in combination with other sources, cause a violation of any applicable water quality standard as set out in the Illinois Pollution Control Board Rules and Regulations, Chapter 1, Subtitle C: Water Pollution, unless specifically exempted under Rule 406.203 of Chapter 1, Subtitle D, Mine Related Water Pollution.

Special Condition No. 2: Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

Special Condition No. 3: The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Ave., East
P.O. Box 19276
Springfield, IL 62794-9276

Attn: Compliance Assurance

Special Condition No. 4: The completed Discharge Monitoring Report form shall be retained by the permittee for a period of three months and shall be mailed and received by the IEPA in accordance with the following schedule, unless otherwise specified by the permitting authority.

Period	Received by IEPA
January, February, March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

Special Condition No. 5: If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

Special Condition No. 6: The permittee shall notify the Agency in writing by certified mail within thirty days of abandonment, cessation, or suspension of active mining for thirty days or more unless caused by a labor dispute. During cessation or suspension of active mining, whether caused by a labor dispute or not, the permittee shall provide whatever interim impoundment, drainage diversion, and wastewater treatment is necessary to avoid violations of the Act or Subtitle D, Chapter 1.

Special Condition No. 7: Plans must be submitted to and approved by this Agency prior to construction of a sedimentation pond. At such time as runoff water is collected in the sedimentation pond, a sample shall be collected and analyzed for the parameters designated as 1M-15M under Part 5-C of Form 2C and the effluent parameters designated herein, with the results sent to this Agency to show compliance with the applicable effluent and water quality standards. Should additional treatment be necessary to meet these standards, a Supplemental Permit must also be obtained. Discharge from a pond is not allowed unless applicable effluent and water quality standards are met.

Special Condition No. 8: The special reclamation area effluent standards of 35 Ill. Adm. Code 406.109 apply only on approval from the Agency. To obtain approval, a request form and supporting documentation shall be submitted 45 days prior to the month that the permittee wishes the discharge be classified as a reclamation area discharge. The Agency will notify the permittee upon approval of the change.

Special Condition No. 9: The special stormwater effluent standards apply only on approval from the Agency. To obtain approval, a request with supporting documentation shall be submitted 45 days prior to the month that the permittee proposes the discharge to be classified as a stormwater discharge. The documentation supporting the request shall include analysis results indicating the discharge will consistently comply with reclamation area discharge effluent standards. The Agency will notify the permittee upon approval of the change.

NPDES Permit No. IL0052795

Special Conditions

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Special Condition No. 10: Annual storm water monitoring is required for all discharges not reporting to a sediment basin until Final SMCRA Bond is released and approval to cease such monitoring is obtained from the Agency.

- A. Each discharge must be monitored for pH and settleable solids annually.
- B. Analysis of samples must be submitted with second quarter Discharge Monitoring Reports. A map with discharge locations must be included in this submittal.
- C. If discharges can be shown to be similar, a plan may be submitted by November 1 of each year preceding sampling to propose grouping of similar discharges and/or update previously submitted groupings. If updating of a previously submitted plan is not necessary, a written notification to the Agency indicating such is required. Upon approval from the Agency, one representative sample for each group may be submitted.

LDC/0095c99/6-11-89

PN Date JUL 23 1999

Permit No. 1L0052795

Permittee Name Consolidation Coal Co

PLEASE CHECK THE APPROPRIATE ANSWER AND RETURN:

☒ I will post the Public Notice for a period of 30 days
beginning 7-26-99.

☐ I will not post the Public Notice.

Don Muech 7-26-99
Signature Date

NPDES PERMIT SPEED OF PROCESSING

Name (File Subject) Consolidation Coal - B&B 9
 Location (County) Perry Region 7
 NPDES Number IL 0052795 Reviewer LDC

UNIT

☐ Industrial ☐ Major
☐ Municipal ☒ Minor
☐ Watershed
☒ Mine

Current Permit Expiration Date:

05.01.99

TYPE OF APPLICATION

☐ New
☒ Renewal
☐ Modification
☐ Termination

Date Received _____

05-04-99

Records Unit Log In _____

05-05-99

Sent to Word Processing _____

Approved by Reviewer for 15 Day Notice LDC

6-14-99

Approved by Unit Manager LDC

6-14-99

To P.N. Clerk for 15 Day Notice 6-22-99-7-7-99

6-22-99

Re-15 Day Notice _____

Returned to Reviewer AK

7-7-99

Approved by Reviewer for Public Notice LDC

7-14-99

Approved by Unit Manager LDC

7-14-99

To P.N. Clerk for 30 Day Notice 7/23/99-8/23/99

7/21/99

Re-Public Notice _____

Returned to Reviewer _____

Approved by Reviewer for Issuance LDC

8-27-99

Approved by Unit Manager LDC

8-27-99

Approved by Section Manager REM

8-28-99

Date Issued gum

9-1-99

ACTION

☐ Permit ☐ No Permit Required
☐ Modification ☐ Refusal of Modification
☐ Termination ☐ Denial

IL 532 0037

WPC 183 Rev. May-95

Printed on Recycled Paper

07/26/1999

NPDES PERMIT SPEED OF PROCESSING FORM

FACILITY NAME CONSOLIDATION COAL CO-BS4 9

DOCUMENT NUMBER

COUNTY PERRY

REVIEWER LDC

UNIT M

REGION 7

MAJOR ☐

NPDES NUMBER IL0052795

CURRENT PERMIT EXPIRATION DATE 05/01/1999

BURDEN REDUCTION
(E,N,I,A,D) ☐

REQ TYPE/DATE REN 05/04/1999

REQ TYPE/DATE

/ /

TYPE OF APPLICATION

REQ TYPE/DATE

/ /

REQ TYPE/DATE

/ /

NEW

REN

MOD

TERM

REA

☐☒☐☐☐

REQ TYPE/DATE

/ /

REQ TYPE/DATE

/ /

DATE RECEIVED

07/26/1999

RECORDS UNIT LOG IN

07/26/1999

SENT TO WORD PROCESSING

APPROVED BY REVIEWER FOR 15 DAY NOTICE

APPROVED BY UNIT MANAGER

TO P.N. CLERK FOR 15 DAY NOTICE

RE-15 DAY NOTICE

RETURNED TO REVIEWER

APPROVED BY REVIEWER FOR PUBLIC NOTICE

APPROVED BY UNIT MANAGER

TO P.N. CLERK FOR 30 DAY NOTICE

RE-PUBLIC NOTICE

RETURNED TO REVIEWER

APPROVED BY REVIEWER FOR ISSUANCE

APPROVED BY UNIT MANAGER

APPROVED BY SECTION MANAGER

DATE ISSUED

ACTION☐

PERMIT

☐

NO PERMIT REQUIRED

☐

VOID

☐

MODIFICATION

☐

REFUSAL OF MODIFICATION

☐

TERMINATION

☐

DENIAL

COPIES NEEDED

15-Day (Review)

30-Day (Public Notice)

Final

1 PN/FS
4 Draft Permit
2 Application
 ___ MOD/TERM Letter
 ___ Engineer's Notes
 ___ Other _____

2 PN/FS
5 Draft Permit
 ___ Additional Engineer's Notes
 ___ Transmittal Letter
 ___ Other _____

6 Permit
 ___ Additional Engineer's Notes
 ___ Transmittal Letter
 ___ Other _____

* * *

Engineer requests the following receive copies of the PN/FS Permit:

___ Consultant
 ___ Facility
 ___ DLC
 ___ Other _____

___ Facility
 ___ NIPC
 ___ SIMAPC
✓ GERPDC
 ___ ORSANCO
 ___ Indiana
 ___ Iowa
 ___ Missouri
 ___ Kentucky
 ___ MPC
 ___ DLC
 ___ Other _____

___ Consultant
 ___ Facility
 ___ NIPC
✓ SIMAPC
✓ GERPDC
 ___ ORSANCO (if sent at 30-Day, must send at final stage)
 ___ Indiana
 ___ Iowa
 ___ Missouri
 ___ Kentucky
 ___ MPC
 ___ IDOT
 ___ Mines & Minerals
 ___ DLC
 ___ Other _____

COMMENTS: _____

* * *

Engineer requests the following be mailed to Permittee with the Final Permit:

X DMR and DMR Instructions (UNLESS FINAL IS A MODIFICATION)
 ___ Fiscal Report Form for NPDES Permittee
 ___ Effluent Biomonitoring & Toxicity Assessment
 ___ Storet Numbers for Toxic Pollutants
 ___ Instructions for PWS Plants
 ___ Alternate Storm Limitations for Coal Mines
 ___ Combined Sewer Operational Plan
 ___ Metals, Cyanide, Total Phenols ___ Influent ___ Effluent ___ Final Sludge
 ___ Organic Priority Pollutants ___ Influent ___ Effluent ___ Final Sludge
 ___ Sludge Report